| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|------------------------------|---------------------|---------|--------------------|
| L9 | 2 | (("4,908,112") or ("5,632,876") or ("9514586") or ("PCT9514586") or ("WO9743629") or ("9743629")).PN. or ((PCTUS95/14586) or (95/14586) or (PCT95/14586) or (WO97/43629) or (97/43629)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/18 09:10 |
| L10 | 1 | ("5,858,195").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/18 09:10 |
| L11 | 443 | ("3798152" "4547071" "4652757" "4675300").PN. OR ("4908112"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/18 09:35 |
| L12 | 1 | ("6,315,953").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/18 09:47 |
| L13 | 3 | (("5,224,843") or ("5,759,014") or ("5,171,132")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/18 10:19 |
| L15 | 1 | ("6621729").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/18 10:30 |
| L16 | 1 | ("6315953").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | . 2005/02/18 10:31 |
| L17 | | ("3950738" "3995190" "4283773" "4563419" "4580895" "4584075" "4594135" "4751177" "4787963" "4807161" "4816418" "4822566" "4828979" "4908112" "5063081" "5074977" "5075077" "5096669" "5096807" "5125748" "5126022" "5143854" "5164319" "5202231" "5219726" "5227265" "5234566" "5242797" "5304487" "5312527" "5365539" "5433819" "5433049" "543525" "5516698" "5527670" "5527681" "5632957" "5653939" "5677195" "5681751" "5736410" "5849486").PN. OR ("6315953"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/18 10:33 |
| L18 | 34 | "6,099,803" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/18 10:35 |

| L19 | 302 | (biochip\$1 or biosensor\$1)and microfluidic and pump\$3 and electrod\$3 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/18 10:35 |
|-----|-----|--|--|----|-----|------------------|
| L20 | 218 | L19 and buffer\$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/18 12:21 |
| L21 | 2 | (("5,639,423") or ("5,304,487")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/18 12:22 |
| L22 | 1 | ("2002/0076825").URPN. | USPAT | OR | ON | 2005/02/18 13:16 |
| L23 | 1 | ("5,637,458").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/18 13:16 |
| S1 | 3 | (("6113855") or ("6271040") or ("5992820")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/17 11:29 |
| S2 | 401 | McNeely.in. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 11:05 |
| S3 | 17 | S2 and microfluidic | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 11:06 |
| S4 | 17 | S2 and sensor\$1 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 11:06 |
| S5 | 4 | S3 and S4 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 11:06 |
| S6 | 13 | S3 and pump\$3 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 11:30 |
| S7 | 2 | S6 and electrod\$2 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 11:31 |

| S8 | 302 | (biochip\$1 or biosensor\$1)and microfluidic and pump\$3 and electrod\$3 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 11:36 |
|-----|------|--|--|----|-----------------|------------------|
| S9 | 272 | S8 and sens\$3 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 11:37 |
| S10 | 257 | S9 and detect\$3 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 11:38 |
| S11 | 164 | S10 and electrochem\$7 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 11:39 |
| S12 | 106 | S11 and (hydrophilic or hydrophobic) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 11:40 |
| S13 | 89 | S12 and heat\$4 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON _. | 2005/02/17 11:41 |
| S15 | 56 | S12 and adhesive | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 12:27 |
| S16 | 1 | ("6361958").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/17 13:06 |
| S17 | 3139 | 422/68.1 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 13:06 |
| S18 | 4484 | 422/100 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON . | 2005/02/17 13:06 |

| S19 | 1829 | 436/174 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 13:07 |
|-----|------|---|--|----|-----|------------------|
| S20 | 51 | S13 and S15 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 13:16 |
| S21 | 6 | S17 and S20 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 13:22 |
| S22 | 4 | S18 and S20 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 13:21 |
| S23 | 1 | S19 and S20 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 15:43 |
| S24 | 8 | "9204470" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 14:52 |
| S25 | 8 | "9204470" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 14:52 |
| S28 | 1 | ("5,252,294").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/17 14:59 |
| S29 | 6 | ("3973320" "4233029" "4740410" "4778989" "4874500" "4895615").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 15:08 |
| S30 | 1 | ("5,375,979").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/17 15:08 |
| S31 | | S19 and S11 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 15:45 |

| S32 | 10 | S18 and S11 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 15:55 |
|-----|----|---|--|----|-----|------------------|
| S33 | 1 | S19 and S11 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2005/02/17 15:44 |
| S34 | 1 | ("6,251,691").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/17 15:56 |
| S35 | 5 | ("6387707").URPN. | USPAT | OR | ON | 2005/02/17 16:00 |
| S36 | 37 | ("3982182" "3998525" "4055799" "4075013" "4456513" "4575407" "4591550" "4717655" "4832814" "5444330" "55447440" "5498392" "5573909" "5585069" "5587128" "5593838" "5723218" "5744305" "5807755" "5837551" "5855753" "5855753" "5858804" "5874219" "5942388" "5989835" "6007996" "6017696" "6023540" "6033547" "6083763" "6136468" "6266459").PN. OR ("6387707").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 16:01 |